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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

EP-7593

First Inventor

Randy M. Franklin et al.

Title

ANALYTICAL METHOD AND DEVICE FOR DETERMINING METAL  
CONCENTRATION IN LIQUID HYDROCARBON MATRICES

Express Mail Label No.

ER128385502US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing and fee calculation)
2. ☐ Applicant claims small entity status. See 37 CFR 1.27.
3. ☒ Specification (preferred arrangement set forth below) [Total Pages **14**]
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets ☐]
5. ☐ Oath or Declaration [Total Pages ☐]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application information:

Examiner: \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion of the disclosure is intentionally omitted from the submitted application parts.

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Registration No. (Attorney/Agent)

32,486

Signature

*Dennis H. Rainear*

Date

July 8, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**TRANSMITTAL**

|                       |  |   |                             |
|-----------------------|--|---|-----------------------------|
| In Re Application of: | Randall M. Franklin et al.   | ) |                             |
|                       |  | ) |                             |
| Serial Number:        | Not yet assigned   | ) | Examiner: Not yet assigned  |
|                       |  | ) |                             |
| Filed:                | July 8, 2003   | ) | Art Group: Not yet assigned |
|                       |  | ) |                             |
| For:                  | <b>ANALYTICAL METHOD AND DEVICE FOR<br/>DETERMINING METAL CONCENTRATION<br/>IN LIQUID HYDROCARBON MATRICES</b> | ) |                             |
|                       |  | ) |                             |

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

I hereby certify that the complete patent application stapled hereto and identified below is being deposited by me with the United States Postal Service as **Express Mail** (Express Mail Label No. **ER128385502US**) on July 8, 2003, with sufficient postage in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Beth Earnest

Mail Stop Patent Application  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an application for U.S. Patent, including the following:

Utility Patent Application Transmittal, PTO/SB/05  
Application for Patent (14 pages, 23 claims)  
Executed Declaration, Power of Attorney and Petition  
Executed Assignment  
Recordation Cover Sheet, PTO-1595  
Return Postcard

The claim fee has been calculated as shown below:

|                            |   |   |                             | <b>Other than a Small Entity</b> |                             |
|----------------------------|---|---|-----------------------------|----------------------------------|-----------------------------|
|                            | <b>Claims</b>                                 | <b>Highest Number Previously Paid for</b> | <b>Extra Claims Present</b> | <b>Rate</b>                      | <b>Additional Claim Fee</b> |
| <b>TOTAL</b>               | <b>23</b>                                     |   | <b>3</b>                    | <b>X 18=</b>                     | <b>\$54.00</b>              |
| <b>INDEPENDENT</b>         | <b>2</b>                                      |   |                             | <b>X 84=</b>                     |                             |
| <b>Yes ___ No <u>X</u></b> | <b>First Presentation of Multi-Dep. Claim</b> |   |                             | <b>+ 280=</b>                    |                             |
|                            |   |   |                             | <b>TOTAL</b>                     | <b>\$54.00</b>              |

- ☒ Please charge my Deposit Account No. 05-1372 in the amount of \$844.00 (\$750.00 basic filing fee – utility, \$54 in claim fees, and \$40.00 recordation fee). A duplicate copy of this sheet is attached.

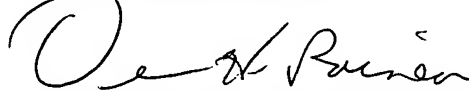
☒ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 05-1372. A duplicate copy of this sheet is attached.

☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims.

☒ Any patent application processing fees under 37 C.F.R. § 1.17.

Respectfully submitted,

**ETHYL CORPORATION**

A handwritten signature in black ink, appearing to read "Dennis H. Raine", is written over the printed name.

Dennis H. Raine, Reg. No. 32,486

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Date: July 8, 2003